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U.S. PATENT APPLICATION

 SERIAL NUMBER
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 CLASS
 GROUP ART UNIT

 08/448,644
 05/24/95
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APPLICANT

JOHN C. HARVEY, NEW YORK, NY; JAMES W. CUDDIHY, NEW YORK, NY.

CONTINUING DATA**********

VERIFIED THIS APPLN IS A CON OF 08/113,329 08/30/93 WHICH IS A CON OF 08/056,501 05/03/93 PAT 5,335,277 07/849,226 03/10/92 PAT WHICH IS A CON OF 5,233,654 WHICH IS A CON OF 07/588,126 09/25/90 PAT 5,109,414 07/096,096 09/11/87 PAT WHICH IS A CON OF 4,965,825 06/829,531 02/14/86 PAT WHICH IS A CIP OF 4,704,725 06/317,510 11/03/81 PAT WHICH IS A CON OF 4,694,490

FOREIGN/PCT APPLICATIONS*******
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SIGNAL PROCESSING APPARATUS AND METHODS

E.E.

This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.

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*** APPLICATION INFORMATION DISPLAY *** 04/08/98 07:56 DETAIL INFORMATION:

CONTENTS:

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10 M844 I 12/11/95

09 A.PE I 05/24/95

08 MAIL 0 01/27/97

07 CTNF F 12/09/96

S6/SN: 08/448644 22 MAIL 0 02/05/98 FILDT: 05/24/95 21 CTFR 0 02/05/98 PATNO: 20 DOCK D/01/30/98 PUBNO: 0999888 ISSDI: 00/00/00 PUBD7: 00/00/00 F448644 19 DOCK∕D 11/13/97 ABNDT: 00/00/00 PGPUB CL/SC: 18 L.XP 0 11/12/97 AFFL: HARVEY ET AL *K*TMS *0 11/10/97* LOC: 2733 LOCDT: 02/07/98 BATNO: 0001€ FWDX E 08/26/97 CHG-LOC: 27X1 IE TEAM: 15 A... I 07/21/97 0.0 ISSNO: 00 CHGTO-NAME: NOT ASSIGNED 14 XT/G I 07/21/97 03 STATUS: TOT ACT: 061STADT: 02/05/98 13 M844 I 04/07/97 RESP CD: FR.. START DT: 02/05/98 DUE DT: 05/05/98 12 A.PE I 03/07/96 EXMR NO/NAME: 71288/MARCELO, MELVIN 11 M844 I 02/06/96

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01 ATTY DOCK #: 5634.163 LOST N LOST DT 00/00/00 APPLN TYPE: 1 TYPE SM ENT: 0 UNMAT PET: N

CURR CL/SC: 359/125.000 FOR PRIOR CL: N PET FAOM: UNAVAIL FOR ACTION: N PF UNAVAIL: TITLE OF INVENTION:

SIGNAL PROCESSING APPARATUS AND METHODS

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*** APPLICATION INFORMATION DISPLAY ***

07/28/98 08:19 DETAIL CONTENTS: INFORMATION: SC/SN: 08/448644 27 MAIL 0 07/28/98 FILDT: 05/24/95 26 CTAV 0 07/27/98 **PUBNO:** E265023 25/FWDX E 07/22/98 PATNO: 00/00/00 PUBDT: 00/00/00 E265023 **24** A.NE I 04/06/98 ISSDT: ABNDT: 00/00/00 PGPUB CL/SC: 0999888 23 LET. I 07/16/98 APPL: ET AL F448644 HARVEY 22 MAIL 0 02/05/98 27M6 LOCDT: 07/28/98 21 CTFR 0 02/05/98 L00: BATNO: 000 CHG-LOC: IE TEAM: 00 ISSNO: 0020 DOCK D 01/30/98 CHGTO-NAME: NOT ASSIGNED 19 DOCK D 11/13/97 TOT ACT: 04 STATUS: 083 STADT: 07/28/98 18 L.SP 0 11/12/97 FR.. START DT: **05**/05/98 RESP CD: 02/05/98 DUE DT: 17 CTMS 0 11/10/97 71288/MARCELO. MELVIN EXMR NO/NAME: 16 FWDX E 08/26/97 11/13/97 GAU: 2733 DOCKET DATE: L R CDa 0.215 A... I 07/21/97 LOST VT ATTY DOCK #: 5634.163 LOST N 00/00/00 14 XT/G I 07/21/97 1 TYPE SM ENT: 0 UNMAT PET: APPLN TYPE: N 13 M844 I 04/07/97 359/125.000 FOR PRIOR CL: ✓N PET FAOM: 12 A.PE I 03/07/96 CURR CL/SC: TITLE OF INVENTION: UNAVAIL FOR ACTION: N PP UNAVAIL: 0 SIGNAL PROCESSING APPARATUS AND METHODS

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